

H07M 10/44

(54) POWER UNIT FOR TEST AND MEMORY FORMATION DEVICE
THEREFOR

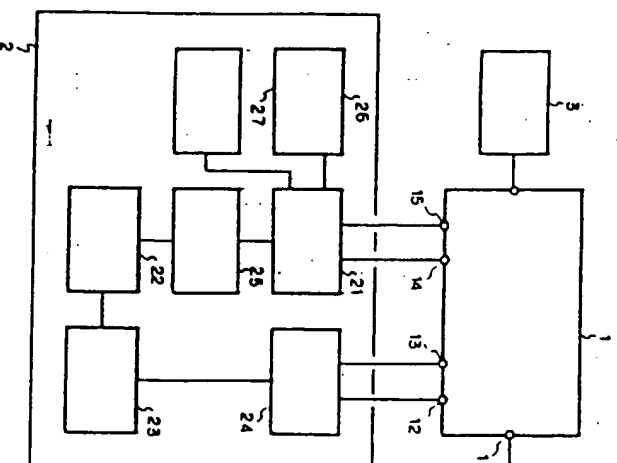
- (11) 4-26076 (A) (43) 29.1.1992 (19) JP
 (21) Appl. No. 2-128681 (22) 18.5.1990
 (71) HINO MOTORS LTD (72) HIDENORI KOIDE
 (51) Int. Cl.⁵ H01M10/44

PURPOSE: To accurately simulate a voltage-ampere characteristic by storing a value of internal resistance at the time when a car secondary cell is put to practical use under a plurality of ambient conditions in a group of memory tables and selecting one of the tables to produce a second analogue signal to provide the signal to a second control input terminal.

CONSTITUTION: A control unit 2 is equipped with a group of memory tables 22 where data, indicating the internal resistance value at the time when a car secondary cell 3 is put to practical use under a plurality of ambient conditions, are stored in time series, and a selecting means 23 which selects one of the memory tables obtained under prescribed ambient conditions, and a transmitting means 24 which generates a second analogue signal according to the contents of a memory table selected by the selecting means 23 and gives the second analogue signal to a second control input terminal 13. Then, the volt-ampere characteristic of the secondary cell 3 is measured under an ambient condition assumed at the time of test, and an internal resistance value operated from the result of the measurement is stored in time series, and according to the contents of memory, an output voltage of a test power unit 11 is controlled to apply the voltage to a machine to be tested. It is thereby possible to faithfully realize the volt-current characteristic of the on-vehicle secondary cell 3.

- (54) ELECTRIC CHARGER
 (11) 4-26077 (A) (43) 29.1.1992 (19) JP
 (21) Appl. No. 2-126732 (22) 18.5.1990
 (71) HITACHI LTD(1) (72) YASUAKI SATO(1)
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PURPOSE: To display by a display control unit how much a secondary cell is charged by changing the display mode of a display means corresponding to



21: receiving interface, 24: transmitting interface, 25: operating means, 26: picture display unit, 27: printer